

**OFFICE OF THE EXECUTIVE ENGINEER
DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW**

Lowered Assembly Plan-Dhana Bhad, Block-JALGANJ, IJM PHASE-II (647/30)
Type of Rig Machine- D. C RIG MACHINE

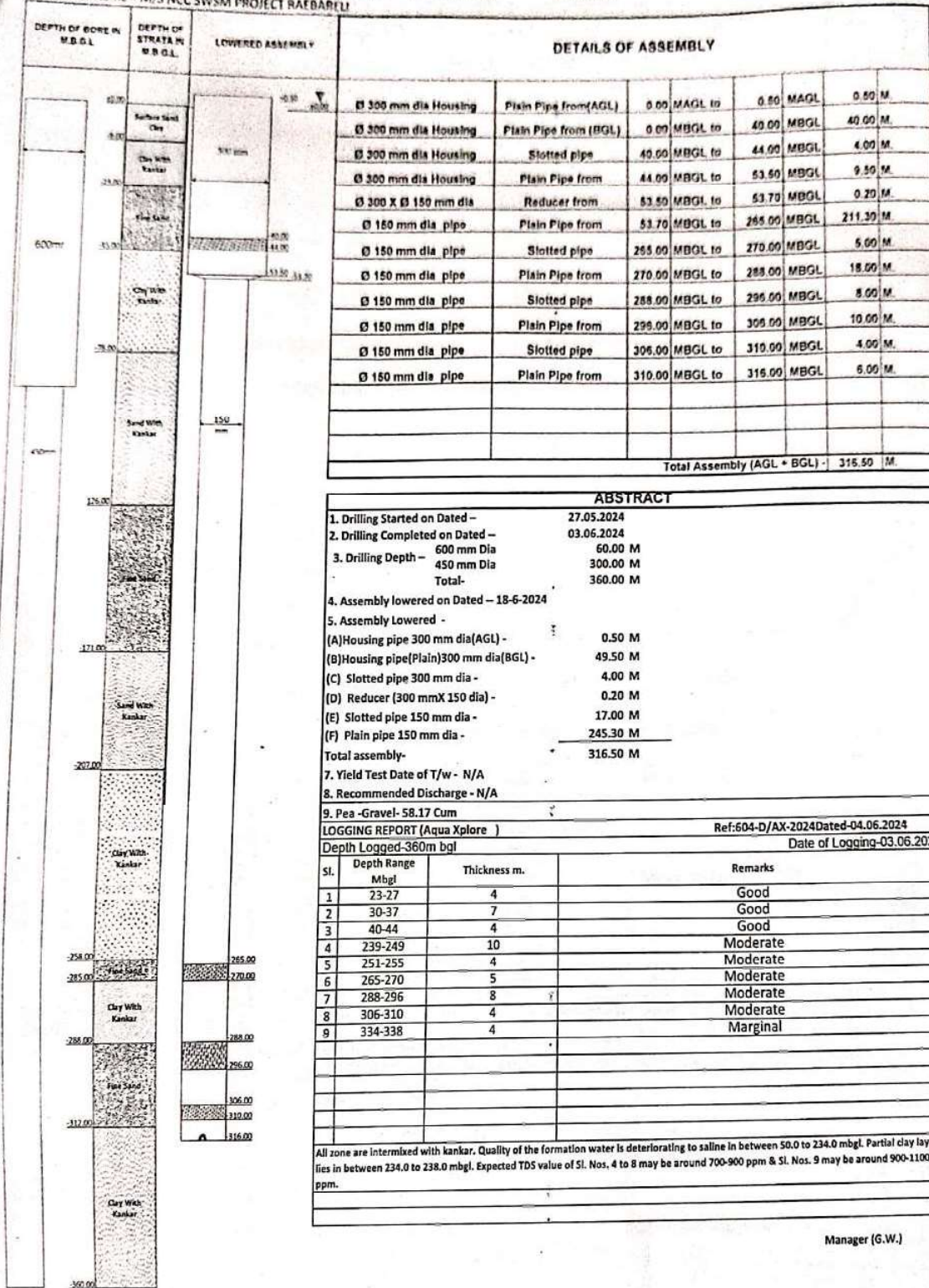
District - Raebareilly

Contractor Name - M/S NCC SWSM PROJECT RAEBAREILLY

Size of Bore - 600 X 450mm,

Static W/L-

IPM-680



Manager (G.W.)

Prepared & Proposed By

M/S NCC,
PROJECT (SWSM-Raebareilly)

Checked By

TPIA
(CEINSYS)

Recommended By

Junior Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)
243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 604 - D / AX - 2024 Date 04.06.2024

Geophysical Borehole Logging Report

Name of the site : Dhanabad, Block - Lalganj
District : Raibarely
Date : 04.06.2024
Depth logged : 351.0 mbgl,
Depth drilled : 360.0 mbgl - as reported
Logger used : Robertson make
Presence : Rep. of NCC Ltd., Raibarely

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water:

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	23.0-27.0	4.0	Good (1,2,3)
2	30.0-37.0	7.0	
3	40.0-44.0	4.0	
4	239.0-249.0	10.0	Moderate (4 to 8)
5	251.0-255.0	4.0	
6	265.0-270.0	5.0	
7	288.0-296.0	8.0	
8	306.0-310.0	4.0	Marginal (9)
9	334.0-338.0	4.0	

Note. All zone are intermixed with kankar. Quality of the formation water is deteriorating to saline in between 50.0 to 234.0 mbgl. Partial clay layer lies in between 234.0 to 238.0 mbgl. Expected TDS value of Sl. Nos. 4 to 8 may be around 700-900 ppm & Sl. Nos. 9 may be around 900-1,100 ppm.

for Aqua Xplore

CC:

1. M/S NCC, Limited., Raibarely